



DATALOG H

Dataloggers

Communication
interfaces

datel_021_front



DATALOG H80



datel_017

DATALOG H81

The solution for

- > Industry
- > Building
- > Infrastructure
- > Local authority



Strong points

- > Easy to install
- > Connected
- > Advanced functions
- > Cyber security

Expert Services

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Function

DATALOG H80 and H81 are industrial rated dataloggers with a high storage capacity that can:

- centralise multiple Socomec measurement systems with an Ethernet connection,
- secure and store measurement data locally,
- provide data to Energy Management and Building Management software by exporting automatically and cyclically to remote servers via secure FTPS or HTTPS protocols,
- use a local Ethernet or 3G networks.

Advantages

Easy to install

- DIN rail mounting.
- Compact.
- Rated to be installed in industrial environments.
- Full configuration done via the embedded webserver.
- Automatically detects Socomec meters and power monitoring devices.

Connected

- Automatic export to remote servers (FTPS, HTTPS) for energy index, load curves and trends (daily, weekly etc.).
- Email notifications in case of alarms on a connected device.
- 3G communication for applications with no Ethernet network available.

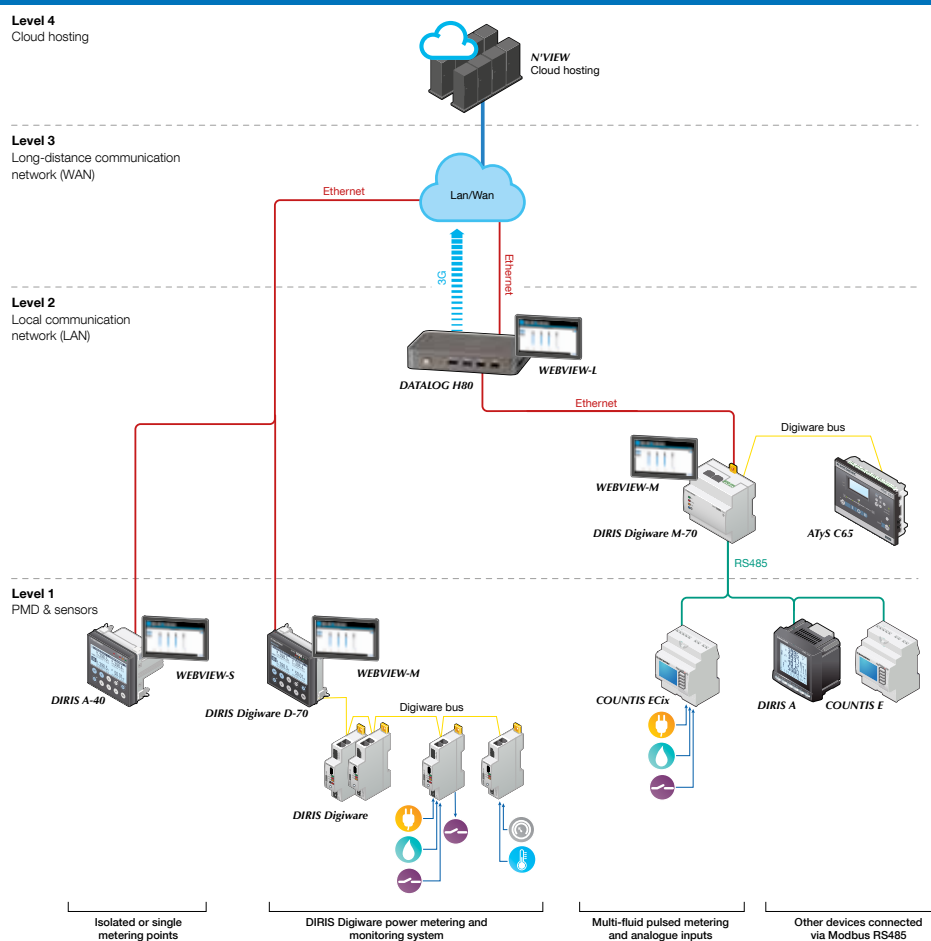
Advanced functions

- 64 GB memory allows to store measurements of connected devices over many years.
- Compatible with third-party Modbus devices.
- Version with embedded energy management software WEBVIEW-L (refer to WEBVIEW catalogue pages for more information).

Cyber security

- Secure communication protocols to ensure the confidentiality of data (HTTPS, FTPS, SMTPS).
- Custom security policy: you can disable ports, services and protocols that are not mandatory to your use case, in order to reduce the attack exposure.
- Robust password policy, to prevent unauthorised users to alter the functioning of the energy management system.

Example of architecture for your energy management system



soft_0060_c_gbr

Specifications

	DATALOG H80	DATALOG H81
Software		
Operating System	Windows 10	Windows 10
Interfaces		
Input	1 x USB 3.0 2 x USB	1 x USB 3.0 2 x USB
Output	1 x HDMI 1 1 x RS232	1 x HDMI 1 1 x RS232
Network interface		
Ethernet	2 x 10/100/1000 Mb port	2 x 10/100/1000 Mb port
3G	-	900/2100 MHz
Protocols		
Data collection	Ethernet/Modbus TCP	Ethernet/Modbus TCP
Data push	FTPS/HTTPS	FTPS/HTTPS
Configuration		
Local	Yes	Yes
Distant	by FTP	by FTP
Memory		
Memory	Flash card 64 GB	Flash card 64 GB

References

Datalogger	Reference	Accessories	Reference
DATALOG H80 (without 3G connection)	4854 0010	5 m remote antenna extension	4854 0105
DATALOG H81 (with 3G connection)	4854 0011	10 m remote antenna extension	4854 0110
		20 m remote antenna extension	4854 0120